

Curriculum Vitae

FATUNMBI Ephesus Olusoji (Ph.D)



Sex Male
Date of Birth: 13th August, 1973
Residential Address: 3, Omorilewa Estate, Oke-Ola, Ilaro.
Local Government Imeko-Afon Local Government
State of Origin Ogun State
Contact Address Mathematics and Statistics, Federal Polytechnic, Ilaro. Ogun State.
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EDUCATIONAL INSTITUTION ATTENDED WITH DATES:

❖ UNIVERSITY OF LAGOS, AKOKA, LAGOS STATE, NIGERIA.	2014 - 2019
❖ UNIVERSITY OF LAGOS, AKOKA, LAGOS STATE, NIGERIA.	2010 – 2011
❖ FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA.	2007 – 2008
❖ UNIVERSITY OF ADO-EKITI, EKITI STATE, NIGERIA.	2000 – 2004
❖ TAI-SOLARIN COLLEGE OF EDUCATION, IJEBU-ODE, OGUN STATE	1994 – 1996
❖ EGBADO TEACHERS TRAINING COLLEGE, ILARO, OGUN STATE	1991 - 1993
❖ COMMUNITY HIGH SCHOOL, ILARA, OGUNSTATE.	1984 – 1990
❖ METHODIST PRIMARY SCHOOL, ILARA, OGUN STATE	1978 - 1984

ACADEMIC QUALIFICATIONS OBTAINED WITH DATES:

❖ DOCTOR OF PHILOSOPHY (Ph.D.) MATHEMATICS	2018
❖ MASTER OF SCIENCE DEGREE (M.SC) APPLIED MATHEMATICS	2011
❖ POST GRADUATE IN STATISTICS with DISTINCTION	2008
❖ BACHELOR OF SCIENCE (ED.) MATHEMATICS (2¹)	2004
❖ NATIONAL CERTIFICATE OF EDUCATION (NCE) MATHS/GEO	1996
❖ TEACHERS GRADE II CERTIFICATE	1993
❖ SENIOR SECONDARY SCHOOL LEAVING CERTIFICATE	1990
❖ PRIMARY SIX LEAVING CERTIFICATE	1984

PROFESSIONAL QUALIFICATION/MEMBERSHIP OF PROFESSIONAL BODIES:

- MEMBER OF THE NIGERIAN MATHEMATICAL SOCIETY (NMS)
- MEMBER OF THE NIGERIAN ASSOCIATION OF MATHEMATICAL PHYSICS (NAMP)
- MEMBER OF THE NIGERIAN STATISTICAL ASSOCIATION (NSA)
- MEMBER OF THE TEACHERS REGISTRATION COUNCIL OF NIGERIA (TRCN)
- MEMBER OF THE ASSOCIATION OF MATHEMATICAL SCIENCE AND OPTIMIZATION (AMSO)

WORK EXPERIENCE AND PROFESSIONAL EMPLOYMENT

Lecturer: Department of Mathematics and Statistics, January 2016 to date.

Part-time Lecturer: Department of Mathematics, Federal University of Oye-Ekiti (FUOYE), Top-Up & Conversion Programme, Federal Polytechnic, Ilaro Campus, 2020 to date.

Part-Time Lecturer: School of Part-time Studies, Federal Polytechnic, Ilaro, 2004-2006.

Part-Time Lecturer: Calvary College of Technology, Papalanto, 2015-2017.

Part-Time Lecturer: Federal Polytechnic, Ilaro, Weekend National Diploma Programme, 2004-2006.

Mathematics Teacher: Federal Polytechnic, Ilaro Staff Nursery and Primary School, 1998-2015.

Parent Teacher Association employed Teacher: Alaketu Community High School, Imeko, Ogun State, Nigeria., 1996-1998.

Class Teacher: Methodists Primary School, Imeko, Ogun State, 1993-1994.

COURSES TAUGHT INCLUDE

- Logic and Linear Algebra (MTH 111) for National Diploma Engineering Departments (Electrical & Electronics, Mechanical Computer Engineering departments).
- Business Mathematics I & II, (MTH 131 & !32) for Management Students (Business Administration, Marketing, and Accountancy departments).
- Algebra & Elementary Trigonometry (MTH 113) for Engineering Departments (Electrical Electronics, Mechanical Computer engineering departments).
- Calculus I (MTH 114) for Engineering Departments (Electrical & Electronics, Mechanical engineering, Computer engineering departments).
- Calculus II (MTH 124) for Mathematics and Statistics Department National Diploma II Programme.
- Linear Algebra and Trigonometry (MTH 213) for Mathematics and Statistics Department National Diploma II Programme.
- Trigonometry & Analytical Geometry (MTH 112) for Engineering Departments (Electrical Electronics, Mechanical Computer Engineering Departments).
- Advanced Calculus (MTH 312) for Engineering Departments Electrical Electronics, Mechanical Computer Engineering Departments).

- Advanced Algebra (MTH 311) for Engineering Departments Electrical Electronics, Mechanical Computer Engineering Departments).
- Real Analysis (MTH 307) for 300 Level BSc. Mathematics (FUOYE),
- Numerical Analysis (MTH 319) for 300 Level BSc. Mathematics (FUOYE),
- Numerical Methods (MTH 317) for 300 Level BSc. Mathematics (FUOYE),
- Electromagnetism (MTH 419) for 400 Level BSc. Mathematics (FUOYE),
- Dynamics of Rigid Body (MTH 407) for 400 Level BSc. Mathematics (FUOYE).
- Fluid Dynamics (MTH 417) for 400 Level BSc. Mathematics (FUOYE),

AREA OF RESEARCH INTERESTS

- Mathematical Modelling
- Magnetohydrodynamics
- Computational Fluid Dynamics
- Boundary Layer Flow
- Fluid Mechanics
- Heat and Mass Transfer
- Nanofluids and Hybrid nanofluids

DOCTORAL RESEARCH THESIS

Heat and Mass Transfer in a Magnetohydrodynamic Micropolar Fluid Flow Past Stretching Permeable Surfaces in Porous Media.

Supervised by Professor. S. S. Okoya; Dr. O. J. Fenuga and Dr. A. Adeniyani

MASTERS OF SCIENCE RESEARCH TOPIC

Nonlinear Heat Conduction Model of the Human Head

Supervised by: Dr. O. J. Fenuga

LIST OF PAPERS PUBLISHED IN LEARNED JOURNALS

1. **Fatunmbi, E. O.**, Oke, A. S. and Salawu, S. O. (2023). Magnetohydrodynamic micropolar nanofluid flow over a vertically elongating sheet containing gyrotactic microorganisms with temperature-dependent viscosity, Results in Materials 19, 1-8.
2. **Fatunmbi, E. O.** and Agbolade, O. A. (2023). Quadratic Thermal Convection in Magneto-Casson Fluid Flow Induced by Stretchy Material with Tiny Particles and Viscous Dissipation Effects, Physical Science International Journal, 27(4), 1-11.

3. Agbolade, O. A. and **Fatunmbi, E. O.** (2023). Evaluation of Nonlinear Viscosity Property in a Magnetized Micropolar Fluid Flow, Experiencing Slip, and Convective Heating Properties. *Int. j. adv. multidisc. res. stud.* 2023; 3(5):623-631
4. Salawu, S. O., Obalalu, M. A., **Fatunmbi, E. O.**, Disu, A. B. and Akkurt, N. (2023). Magneto-couple stress of tri-hybrid metallic oxide nanomaterials in porous media with nonlinear properties for thermal technology advancement, *Scientific African*, **23**, <https://doi.org/10.1016/j.sciaf.2023.e01841>
5. **Fatunmbi, E. O.** Adigun, A. J. and Salawu, S. O. (2023). Dual Stratification Mechanism for Nonlinear Mixed Convective Magneto-Tangent Hyperbolic Fluid over a Stretchable Device with Activation Energy, *Int. J. Appl. Comput. Math.*, 9:48, <https://doi.org/10.1007/s40819-023-01525-3>.
6. **Fatunmbi, E. O.** Adeosun, A. T. and Salawu, S. O. (2023). Dynamics of Melting Heat Transfer of a Micropolar Nanofluid over an Electromagnetic actuator with irregular thickness and non-uniform heat source, *Int. J. Appl. Comput. Math.*, 9, 1-25.
7. Salawu, S. O., Obalalu, A. M., **Fatunmbi, E. O.** and Shamsuddin, MD. (2023). Elastic deformation of thermal radiative and convective hybrid SWCNT-Ag and MWCNTMoS4 magneto-nanofluids flow in a cylinder, *Results in Materials*, 17, 100380.
8. **Fatunmbi, E. O.**, Ramonu, O. J and Salawu, S. O. (2023). Analysis of heat transfer, phenomenon in hydromagnetic micropolar nanoliquid over a vertical stretching material featuring convective and isothermal heating conditions, *Waves in Random and Complex Media*, DOI:10.1080/17455030.2023.2173494.
9. Wang, F., **Fatunmbi, E. O.**, Adeosun, A. T., Salawu, S. O., Animasaun, I. L. and Sarris, I. E. (2023). Comparative analysis between copper ethylene-glycol and copper-iron oxide ethylene-glycol nanoparticles both experiencing Coriolis force, velocity and temperature jump, *Case Studies in Thermal Engineering*, 4, 103028.
10. Adigun, A. J., **Fatunmbi, E. O.** and Boneze, C. U. (2023). Quadratic Mixed Convection Tangent Hyperbolic Stratified Fluid Flow Past a Vertical Elongated Sheet with Nonlinear Thermal Radiation: Spectral Local Linearization Method, *International Journal of Mathematical Sciences and Optimization: Theory and Applications*, 8(2), 131 – 148.
11. **Fatunmbi, E. O.**, Akanbi, O. O. and Okoya, S. S. (2023). Dynamics of heat transfer in magneto-micropolar fluids flow past a vertically expanding sheet featuring prescribed wall temperature (PWT), *Defect and Diffusion Forum*, 424, 99-112.

12. **Fatunmbi, E. O.** and Aako, O. L. (2023). Statistical Model for Melting Heat Transfer in Micropolar Nanofluids Flow over an Electromagnetic Actuator with Irregular Thickness, *AJOSR*, 4(2), 44-57.
13. Akanbi, O. O. and **Fatunmbi, E. O.** (2022). Consequence of flow and heat transfer analysis in a quadratic mixed convection magneto-micropolar nanofluids induced by an expanded stretching accepted for publication in the *International Journal of Advanced Multidisciplinary Research and Studies*.
14. **Fatunmbi, E. O.**, Akanbi, E. O. (2022). Assessment of heat transfer mechanism in Jeffrey nanoliquid stagnation-point flow along a convectively heated expanding device featuring nonlinear thermal radiation, *International Journal of Latest Engineering Research and Applications (IJLERA)*, 7(11), 68-78
15. **Fatunmbi, E. O.** Animasaun, I. L., Oke, A. S., Salawu, S. O. (2022). Insight into the heat transfer across the dynamics of Carreau fluid subject to inclined Lorentz force conveying tiny particles and motile gyrotactic microorganisms: The case of stratification, *Heat Transfer*, 1-22. doi:10.1002/hjt.22655
16. Oke, A. S., **Fatunmbi, E. O.**, Animasaun, I. L., and Juma, B. A. (2022). Exploration of ternary hybrid nanofluid experiencing Coriolis and Lorentz forces: case of three-dimensional flow of water conveying carbon nanotubes, graphene, and alumina nanoparticles, *Waves in Random and Complex Media*, 10.1080/17455030.2022.2123114.
17. Adeosun, A. T., Ukaegbu, J. C., **Fatunmbi, E. O.** and Gbadeyan, J. A. (2022). On Thermal Criticality of Two-Step Reactive Third-Grade Fluid Flow in a Riga Plate Channel Filled with a Porous Material, *Adeleke University Journal of Science*, 1(1), 1-10.
18. **Fatunmbi, E. O.**, Mabood, F., Benos, L. and Sarris, I. E. (2022). Entropy Generation in the Magneto-hydrodynamic Jeffrey Nanofluid Flow Over a Stretching Sheet with Wide Range of Engineering Application Parameters, *Int. J. Appl. Comput. Math*, 8:98, <https://doi.org/10.1007/s40819-022-01301-9>
19. Salawu, S. O., Obalalu, A. M., **Fatunmbi, E. O.** and Oderinu, R. A. (2022). Thermal Prandtl-Eyring hybridized $2 - 2 - 3 \ 8 \ 2$ and $2 - 3 \ 8 \ 2$ nanofluids for effective solar energy absorber and entropy optimization: A solar water pump implementation, *Journal of Molecular Liquids*, 361, 11908.
20. **Fatunmbi, E. O.**, Adeosun, A. T. and Okoya, S. S. (2022): Entropy generation analysis in an unsteady hydromagnetic micropolar fluid flow along an exponentially stretchable sheet with slip properties, *International Journal of Modelling and Simulation*, doi: 10.1080/02286203.2022.2094645.

21. **Fatunmbi, E. O.**, Salawu, S. O. and Adeniyani, A. (2022). Buoyancy force and slip conditions on hydromagnetic dissipative flow of micropolar fluid passing an exponentially stretching sheet, *Computational Thermal Sciences*, 14(1):45–60.
22. **Fatunmbi, E. O.** Adeosun, A. T. and Salawu, S. O. (2021). Irreversibility analysis for Eyring–Powell nanoliquid flow past magnetized Riga device with nonlinear thermal radiation, *Fluids*, 2021, 6, 416. <https://doi.org/10.3390/fluids6110416>
23. **Fatunmbi, E. O.**, Salawu, S. O. and Ajilore, J. O. (2021). Thermophoretic analysis and non-uniform heat source in hydromagnetic micropolar fluid flow passing an inclined sheet in a porous medium, *Journal of the Nigerian Mathematical Society*, 40(3), 301-320.
24. **Fatunmbi, E. O.** and Okoya, S. S. (2021). Electromagnetohydrodynamic Micropolar-Casson fluid boundary layer flow and heat transfer over a stretching material featuring temperature-based thermophysical properties in a porous medium, *Journal of the Nigerian Mathematical Society*, 40(3), 245-268.
25. **Fatunmbi, E. O.** and Okoya, S. S. (2021). Quadratic Mixed Convection Stagnation-Point Flow in Hydromagnetic Casson Nanofluid over a Nonlinear Stretching Sheet with Variable Thermal Conductivity, *Defect and Diffusion Forum*, 409, 95-109.
26. Salawu, S. O. **Fatunmbi, E. O.** and Okoya, S.S. (2021). MHD heat and mass transport of Maxwell Arrhenius kinetic nanofluid flow over stretching surface with nonlinear variable properties. *Results in Chemistry*, 3, 1-9.
27. **Fatunmbi, E. O.**, Mabood, F. and Adeniyani, A. (2021). Stagnation-Point Flow of Magneto-Williamson Nanofluid over a Stretching Material with Ohmic Heating and Entropy Analysis, *International Journal of Mathematical Analysis and Optimization: Theory and Applications*, 7(1), 131 – 145.
28. **Fatunmbi, E. O.** Adeosun, A. T. and Salawu, S. O. (2021). Entropy analysis of nonlinear radiative Casson nanofluid transport over an electromagnetic actuator with temperature-dependent properties, *Partial Differential Equations in Applied Mathematics* 4, 100152.
29. Ogunseye, H. A., Salawu, S. O. and **Fatunmbi, E. O.** (2021). A numerical study of MHD heat and mass transfer of a reactive Casson–Williamson nanofluid past a vertical moving cylinder, *Partial Differential Equations in Applied Mathematics* 4, 100148.
30. Omotola, O. E. and **Fatunmbi, E. O.** (2021). Magnetohydrodynamic Radiative Casson Fluid Motion Past a Convectively Heated and Slippery Non-linear Permeable Stretching Plate, *Fepi-Jopas* 2021:3(1);45-55.

31. Omotola, O. E. and **Fatunmbi, E. O.** (2021). Dynamics of Multiple Slip and Thermal Radiation on Hydromagnetic Casson Nanofluid Flow over a Nonlinear Porous Stretchable Surface, *Physical Science International Journal*, 25(4): 1-14.
32. Agbolade, O. A. and **Fatunmbi, E. O.** (2021). Stagnation-Point Flow of a Radiative Tangent Hyperbolic Nanofluid over a Nonlinear Surface with Variable Thermal Conductivity, *International Journal of Latest Research in Engineering and Management*, 5(3), 1-10.
33. **Fatunmbi, E. O.** Mabood, F., Elmonser, H and Tlili, I. (2021). Magnetohydrodynamic nonlinear mixed convection flow of reactive tangent hyperbolic nanofluid passing a nonlinear stretchable surface, *Phys. Scr.* 96 (2021) 015204
34. **Fatunmbi, E. O.** and Salawu, S. O. (2021). Analysis of hydromagnetic micropolar nanofluid flow past a nonlinear stretchable sheet and entropy generation with Navier slips. *International Journal of Modelling and Simulation*, DOI: 10.1080/02286232020.1905490.
35. **Fatunmbi, E. O.** and Adeosun, A. T. (2020). Nonlinear radiative Eyring-Powell nanofluid flow along a vertical Riga plate, *International Communications in Heat and Mass Transfer* 119, 1-10.
36. Salawu, S. O., **Fatunmbi, E. O.**, Ayanshola, A. M. (2020): On the diffusion reaction of fourth-grade hydromagnetic fluid flow and thermal criticality in a plane Couette medium, *Result in Engineering*, 8, 1-8.
37. **Fatunmbi, E. O.** and Salawu, S. O. (2020). Thermodynamic second law analysis of magneto-micropolar fluid flow past nonlinear porous media with non-uniform heat source with exponential varying viscosity and chemical reaction, *Propulsion and Power Research* 9(3):281-288.
38. **Fatunmbi, E. O.** and Salawu, S. O. (2020). Analysis of entropy generation in hydromagnetic micropolar fluid flow over an inclined nonlinear permeable stretching sheet with variable viscosity, *J. Appl. Comput. Mech* 6(SI) (2020) 1301-1313.
39. **Fatunmbi, E. O.**, Ogunseye, H. A. and Sibanda, P. (2020). Magnetohydrodynamic micropolar fluid flow in a porous medium with multiple slip conditions, *International Communications in Heat and Mass Transfer*, 115, 1-10.
40. **Fatunmbi, E. O.** and Adeniyani, A. (2020). Nonlinear thermal radiation and entropy generation on steady flow of flow of magneto-micropolar fluid passing a stretchable sheet with variable properties. *Result in Engineering*, 6, 1-10.

41. Salawu, S. O. and **Fatunmbi, E. O.** (2020). Current density and criticality branch-chain for a reactive Poiseuille second-grade hydromagnetic fluid with variable electrical conductivity. *International Journal of Thermofluids*, 3-4, 1-7.
42. **Fatunmbi, E. O.** and Okoya, S. S. (2020). Heat transfer in boundary layer magneto-micropolar fluids with temperature-dependent material properties over a stretching sheet. Submitted to *Advances in Materials Science and Engineering*, 2020, 1-11.
43. **Fatunmbi, E. O.** Okoya, S. S. and Makinde, O. D. (2020). Convective heat transfer analysis of hydromagnetic micropolar fluid flow past an inclined nonlinear stretching sheet with variable thermo-physical properties. *Diffusion Foundations- Engineering Fluid Flow and Heat Transfer Analysis*, 26, 63-77.
44. **Fatunmbi, E. O.** and Agbolade, O. A. (2020). Soret and Dufour Effects in Hydromagnetic Micropolar Fluid Flow Passing a Permeable Stretching Sheet in a Porous Medium, *Research Education and Scientific Methods*, 8(12), 1-20.
45. **Fatunmbi, E. O.** and Agbolade, O. A. (2019). Heat and mass transfer of thermophoretic magneto-micropolar passing an inclined plate with chemical reaction in porous medium. *Fepi-Jopas*, 1(1), 154-163.
46. **Fatunmbi, E. O.** and Fenuga, O. J. (2018). Heat and mass transfer of a chemically reacting MHD micropolar fluid flow over an exponentially stretching sheet with slip effects. *Journal of Physical Science International*, 18(3), 1-15.
47. **Fatunmbi, E. O.** and Adeniyani, A. (2018). Heat and Mass Transfer in MHD Micropolar Fluid Flow over a Stretching Sheet with Velocity and Thermal Slip Conditions, *Open Journal of Fluid Dynamics*.8, 195-215.
48. **Fatunmbi, E. O.** and Odesola, A. S. (2018). MHD free convective heat and mass transfer of a micropolar fluid flow over a stretching permeable sheet with constant heat and mass flux, *Asian Research Journal of Mathematics*, 9(3), 1-15.
49. **Fatunmbi, E. O.** and Adeniyani, A. (2018). MHD stagnation point-flow of micropolar fluids past a permeable stretching Plate in porous media with thermal radiation, chemical reaction and viscous dissipation, *Journal of Advances in Mathematics and Computer Science*, 26(1), 1-19.
50. Salawu, S. O. and **Fatunmbi, E. O.** (2017). Dissipative heat transfer of micropolar hydromagnetic variable electric conductivity fluid past inclined plate with joule heating and non-uniform heat Generation, *Asian Journal of Physical and Chemical Sciences*, 2(1): 1-10.

51. **Fatunmbi, E. O.** and Fenuga, O. J. (2017). MHD micropolar Fluid Flow Over a Permeable Stretching Sheet in the presence of Variable Viscosity and Thermal Conductivity with Soret and Dufour Effects, *International Journal of Mathematical Analysis and Optimization: Theory and Applications*, 2017, 211- 232.
52. Salawu, S. O and **Fatunmbi, E. O.** (2017). Inherent Irreversibility of Hydromagnetic Third-Grade Reactive Poiseuille Flow of a Variable Viscosity in Porous Media with Convective Cooling, *Journal of the Serbian Society for Computational Mechanics*, 11, 46-58.
53. Bello, S. O. and **Fatunmbi, E. O.** (2017). On the flow of an MHD viscous fluid over a porous flat plate, *Journal of Mathematical Association of Nigeria*, 44(2)155-160.
54. Oke, A, S. and **Fatunmbi, E. O.** (2015). Pattern Formation in Competition-Diffusion Equation, *Journal of Advanced Scientific and Technical Research*, 7(5), 52-59.
55. Fenuga, O. J, **Fatunmbi, E. O.**, A. Adeniyani (2013). Effect of Thermogenesis Parameters and Biot Number on a Nonlinear Heat Conduction Model of the Human Head, *International Journal of Advanced Scientific and Technical Research*. 5(3), 290-299.

CONFERENCES ATTENDED WITH PAPER PRESENTATION:

1. **Fatunmbi, E. O.** and Akanbi, O. O. (2023). Analysis of non-isothermal and prescribed heat flux conditions on hydromagnetic micropolar fluid flow over a bidirectional extending surface, a paper presented at the *International Conference on Mathematical Sciences and Optimization held in the University of Lagos, Nigeria*, 28th August -2nd September, 2023.
2. **Fatunmbi, E. O.**, Salawu, S. O. and Obalalu, M. A. (2023). Exploring the impact of non-uniform heat source on nonlinear radiative Prandtl-Eyring hybridized fluid (Molybdenum Disulfide (MoS_2) and Silicon Dioxide (SiO_2)) dynamics, a paper presented at the *International Conference on Mathematical Sciences and Optimization held in the University of Lagos, Nigeria*, 28th August -2nd September, 2023.
3. **Fatunmbi, E. O.** and Okoya, S. S. (2023). Heat transfer phenomenon in a nonlinear radiative micropolar fluid flow over bidirectional stretching sheet with varied thermal condition, a poster presented at the Faculty of Science National Conference held in the *University of Medical Sciences, Ondo City, Nigeria*, 28th -31st August, 2023.
4. **Fatunmbi, E. O.** and Adigun J. A. (2023). Bioconvective Analysis of Tangent Hyperbolic nanofluid on a stretching device: A Darcy-Forchheimer Model, a paper presented online at the *2nd International Conference on Scientific and Innovation Research, at Sivas Science and Technology University and IKSAD Institute Turkiye*, 15-17, September, 2023.
5. **Fatunmbi, E. O.**, Oke, A. S. and Olaiju, O. A. (2023). Thermal Scenario for Casson nanofluid transport in a nonlinear dual-stretching device experiencing convective heating:

A numerical analysis, *a paper presented at 3rd International Conference, Federal Polytechnic, Ilaro in Collaboration with Takoradi Technical University, Ghana, 4th-7th, September, 2022.*

6. **Fatunmbi, E. O.** and Omotola, O. E. (2023). Bioconvective Analysis of Williamson Fluid Conveying Tiny Particles with a Non-Uniform Heat Source in Porous Media: A biomedical Engineering Application, a paper presented at 6th National Conference, School of Engineering, Federal Polytechnic, Ilaro, Nigeria, August 7-9, 2023.
7. **Fatunmbi, E. O.** and Agbolade, O. A. (2023). Heat Transfer Enhancement on Reactive Micropolar Fluid Comprising Thermophoresis, Brownian Motion and Ohmic Heating Effects Generated by Stretched Sheet, a paper presented at 4th *International CUROVA, Agriculture and Veterinary Congress*, Adama, Turkiye, April 2-4, 2023.
8. **Fatunmbi, E. O.** and Agbolade, O. A. (2023). Thermal and Concentration Stratification Effects of Bioconvective Williamson Fluid Flow Consisting Tiny Particles with Gyrotactic Microorganisms, a paper presented at 2nd *Int'l Congress on Innovation Technologies and Engineering*, Ege University, Izmir, Türkiye, June 12-13,
9. **Fatunmbi, E. O.** and Omotola, O. E. (2023). Reactive hybrid nanofluid heat and mass transfer enhancement with viscous dissipation and engineering parameters, a paper presented at 7th *ASUP Zone C National Conference*, June 13-14, 2023.
10. **Fatunmbi, E. O.** and Akanbi, O. O. (2023). Exploration of Heat Transfer Characteristics in a Magnetized Carreau Hybrid nanofluid over a Three-Dimensional Stretching Sheet with Slip Properties, being a paper presented at *Ahi Evran III. International Conference on Scientific Research*, Odlar Yurdu University, Baku, Azerbaijan, May 3-4, 2023,
11. **Fatunmbi, E. O.** (2023). Analysis of Heat Distribution in the Transport of Chemically Reactive Williamson Nanofluid Consisting of Motile Microorganisms, a paper presented at 4th *International CUROVA, Agriculture and Veterinary Congress*, Adama, Turkiye, held on February 27-28.
12. **Fatunmbi, E. O.** and Salawu, S. O. (2022). Melting Heat Transfer Mechanism of MHD Hybrid Nanofluid Flow over a Stretching Sheet with Variable, *a paper presented at the International Conference on Fractional Calculus and its Applications* at the University of Lagos, 21st -27th November 2022.
13. **Fatunmbi, E. O.** (2022). Flow and heat transfer properties of electrically conducting Carreau hybrid nanofluid over a 3-dimensional rotating sheet, *a paper presented at International 10 Congress on Innovation Technologies and Engineering* held at Ege University, Izmir, Turkiye, 2nd- 4th September 2022.

14. **Fatunmbi, E. O.**, and Oke, A. S. (2022). Heat propagation mechanism and dynamics of stratification in Magnetohydrodynamic reactive Carreau nanoliquid flow over an elongated surface. *a paper presented at 3rd International Conference, Federal Polytechnic, Ilaro, 16th -17th August, 2022.*
15. **Fatunmbi, E. O.** and Agbolade, O. A. (2022). Entropy optimization analysis in Melting heat transfer of magneto-hybrid nanofluid flow over a slendering sheet in a porous medium, *a paper presented at ASUP Zone C National Academic, 11th -12th, July 2022.*
16. **Fatunmbi, E. O.**, Are, S. O. and Adeniyani, A. (2022). Evaluation of melting heat transfer mechanism in MHD hybrid nanofluid flow over a slendering elongated sheet in a porous medium, *a paper presented at International Conference for Mathematical Sciences and Optimization (ICMSO), Universite D'Abomey-Calavi, Porto-Novo, Benin., (2022), 11th - 12th May 2022.*
17. **Fatunmbi, E. O.** and Akanbi, A. A. (2022). Unsteady nonlinear radiative magneto-micropolar fluid flow over an exponentially stretchy sheet featuring non-uniform heat source with varying viscosity, a paper presented at the International Conference for Mathematical Sciences and Optimization (ICMSO), Universite D'Abomey-Calavi, Porto-Novo, Benin., (2022), 11th -12th May, 2022.
18. **Fatunmbi, E. O.** and Aako, O. L. (2021). Statistical model for melting heat transfer in micropolar nanofluid flow over an electromagnetic actuator with irregular thickness, *a paper presented at the 5th National Conference School of Engineering, Federal Polytechnic, Ilaro. 8th-10th, November 2021.*
19. **Fatunmbi, E. O.** and Akanbi, O. O. (2021). Magnetohydrodynamic flow and heat transfer characteristics in micropolar-Casson fluid over a stretching surface with temperature-dependent material properties, *a paper presented at ISTEAM Conference held at American International University West Africa, Gambia, 24th-26th October 2021.*
20. **Fatunmbi, E. O.** and Adeniyani, A. (2021). Stagnation-point flow of Magnetohydrodynamic Williamson nanofluid flow over a nonlinearly stretched material with Ohmic heating and entropy analysis, *a paper presented at International Conference for Mathematical Sciences and Optimization (ICMSO), 5th -9th July 2021.*
21. **Fatunmbi, E. O.** and Are, S. O. (2021). Numerical model for flow and melting heat transfer in magneto-micropolar nanoliquid over a Riga plate with variable thickness, *a paper presented at 3rd Annual National Engineering Conference, School of Engineering Technology, Bauchi, Nigeria, 28th-29th, October 2021*
22. **Fatunmbi, E. O.** and Omotola, O. E. (2021). Electromagnetohydrodynamic flow and heat transfer in micropolar-Casson fluid over a stretchable material with suction/injection and variable thermo-physical properties, *a paper presented at 4th National Conference, School*

of Pure and Applied Sciences, Federal Polytechnic, Ilaro, Nigeria, 26th-29th September 2021.

23. **Fatunmbi, E. O.** and Adigun, J. A. (2021). Dynamics of double stratification in nonlinear mixed convection flow of tangent hyperbolic fluid over a stretching surface with activation energy, *a paper presented at National Conference, College of Natural and Applied Sciences, Bells University, Ota, Nigeria, 27th -29th September 2021.*
24. **Fatunmbi, E. O.** and Are, S. O. (2021). Modified Hartmann number effects on nonlinear mixed convection flow of dissipative Powell-Eyring nanofluid past a Riga plate with variable thermophysical properties, *a paper presented at International Conference for Mathematical Sciences and Optimization (ICMSO), 5th -9th July, 2021.*
25. **Fatunmbi, E. O.** (2021). Hydromagnetic micropolar nanofluid flow over a stretching sheet coupled with nonlinear thermal radiation, chemical reaction and activation energy. *a paper presented at the 5th ASUP Zone C National Conference, Offa, Nigeria, July 2021.*
26. **Fatunmbi, E. O.** and Omotola, O. E. (2021). Magneto-hydrodynamic tangent hyperbolic fluid motion past a vertically stretched sheet with variable thermal conductivity: Lie group approach, *a paper presented at International Conference for Mathematical Sciences and Optimization (ICMSO), 5th -9th July 2021.*
27. **Fatunmbi, E. O.** and Are, S. O. (2020). Irreversibility analysis of magneto-micropolar fluid flow past an inclined stretchable sheet with viscous dissipation, *Proceedings of the 25th SMART-iSTEAMS Trans-Atlantic Multidisciplinary Conference in Collaboration with The Laboratoire Jean Kuntzmann, Universite Grenoble, Grenoble, France, Society for Multidisciplinary & Advanced Research Techniques (SMART), The Institute of Electrical & Electronics Engineers Computer Society, 7th-28th, Jul 2020.*
28. **Fatunmbi, E. O.,** Agbolade, O. A. (2020). Magneto-hydrodynamic Stagnation-Point Flow of a Radiative Tangent Hyperbolic Nanofluid over a Nonlinear Surface. *a paper presented at the ASUP International Conference, Yabatech, Lagos, Nigeria, November 2020.*
29. **Fatunmbi, E. O.,** Omotola, O. E. and Bello, S. O. (2020). Hydromagnetic mixed convection stagnation-point flow of Casson nanofluid over a nonlinear stretching sheet with Ohmic heating. *a paper presented at the 2nd International Conference, The Federal Polytechnic, Ilaro, November 2020.*
30. **Fatunmbi, E. O.** Badru, J. O. and Oke, S. O. (2020). Magneto-reactive Jeffrey nanofluid flow over a stretching sheet with activation energy, nonlinear thermal radiation and entropy analysis. *a paper presented at Nigerian Society of Engineers (NSE), Federal Polytechnic, Ilaro Chapter, November 2020.*

31. **Fatunmbi, E. O.** and Agbolade, O. A. (2020). Second Law Analysis of Hydromagnetic Micropolar Fluid Flow Over a Nonlinear Stretching Sheet with Navier Slips in a Porous Medium, *a paper presented at the seventh International Conference on Mathematical Sciences and Optimization, National Mathematical Centre, Abuja, 25th-27th, March 2020.*
32. **Fatunmbi, E. O.** and Adeniyani, A. (2020). On entropy generation in magneto-micropolar fluid flow passing a nonlinear stretchable sheet with variable properties. *a paper presented at the seventh International Conference on Mathematical Sciences and Optimization, National Mathematical Centre, Abuja, 25th-27th, March 2020.*
33. **Fatunmbi, E. O.** and Are, S. O. (2019). Numerical investigation of entropy generation in hydromagnetic dissipative micropolar fluid flow along a nonlinear stretching sheet, *a paper presented at the 4th International Conference of the School of Pure and Applied Sciences, Federal Polytechnic, Ilaro, Nigeria, 2nd - 5th December 2019*
34. **Fatunmbi, E. O.** and Are, S. O. (2019). Reactive flow of magneto-micropolar fluid along a nonlinear permeable stretching sheet in a porous medium, *a paper presented at the 30th annual colloquium and congress of the Association of Mathematical Physics at Igbinedion University Okada, Nigeria, 5th-8th November 2019.*
35. **Fatunmbi, E. O.** and Bello, S. O. (2019). Entropy generation in hydromagnetic thermal boundary layer flow of micropolar fluid over a convectively heated nonlinear stretching sheet, *a paper presented at the 4th International Conference of the School of Engineering, Federal Polytechnic, Ilaro, Nigeria, 25th - 28th November 2019.*
36. Akanbi, O. O. and **Fatunmbi, E. O.** (2019). Hydromagnetic micropolar fluid flow over a nonlinear stretching surface influenced by non-uniform heat source/sink and slip effects. *a paper presented at the 30th annual colloquium and congress of the Association of Mathematical Physics at Igbinedion University Okada, Nigeria, 5th-8th November 2019.*
37. **Fatunmbi, E. O.** and Bello, S. O. (2019). Thermophoretic mixed convection flow of MHD micropolar fluid along an inclined surface with Soret-Dufour effects and variable properties, *a paper presented at the 1st International Conference of the College of Physical Sciences, Federal University of Agriculture, Abeokuta, Nigeria, 27th – 30th August 2019*
38. **Fatunmbi, E. O.** and Akanbi, O. A. (2019). Heat and mass transfer of magneto-micropolar fluid past a nonlinear stretching sheet in a porous medium with chemical reaction, *a paper presented at the 4th Annual Conference of the Institute of Operation Research and Management Science held at the Mountain Top University Nigeria, 23rd-26th, July 2019*
39. **Fatunmbi, E. O.** and Sikiru, O. A. (2019). Technological impact of hydromagnetic micropolar fluid flow over a stretching permeable sheet with thermal radiation and Joule heating effects, *a paper presented at 1st National Conference of Women in Technical Education & Employment (WITED) Ilaro chapter in Commemoration of the 40th Founders*

Day & 19th Convocation Ceremony of the Federal *Polytechnic, Ilaro, Nigeria*, 12th - 15th August 2019.

40. **Fatunmbi, E. O.** and Adeniyani, A. (2019). Heat transfer analysis of magneto micropolar fluid flow over an inclined non-linearly permeable stretching sheet with variable fluid properties, *a paper presented at the 38th Annual Conference of the Nigerian Mathematical Society held at the University of Nigeria, Nsukka, Nigeria*, 18th-21st June 2019.
41. **Fatunmbi, E. O.** and Adeniyani, A. (2019). Effects of buoyancy force on MHD radiating micropolar fluid past an exponentially stretching sheet with Navier slip and temperature jump, *a paper presented at 6th International Conference on Mathematical Analysis and Optimization: Theory and Applications, held at the National Mathematical Centre, Abuja, Nigeria*, 28th-30th March 2019.
42. **Fatunmbi, E. O.** and Agbolade, O. A. (2019). Numerical investigation of MHD micropolar fluid flow along an inclined permeable surface with variable electrical conductivity and heat flux, *a paper presented at the 16th iStearns Smart Minds Conference in collaboration with Academic Staff Union of Polytechnics (ASUP), Ilaro*, 9th-11th June 2019.
43. **Fatunmbi, E. O.** and Bello, S. O. (2018). Heat and mass transfer of MHD micropolar fluid flow past stretching plate with non-uniform heat source/sink, *a paper presented at the 1st International Conference and Exhibition on Technological Innovation and Global Competitiveness held at the Federal Polytechnic, Ilaro, Nigeria*, 5th-8th Nov. 2018.
44. **Fatunmbi, E. O.** and Adeniyani, A. (2018). Hydromagnetic flow and heat transfer of a micropolar fluid over an exponentially stretching vertical sheet through a porous medium with slip effects. *a paper presented at the 11th iSteam Smart Minds Conference in collaboration with Academic Staff Union of Polytechnics (ASUP), Yaba College of Technology, Yaba, Lagos, Nigeria*, 26th-28th June, 2018.
45. **Fatunmbi, E. O.** Adeniyani, A. and (2018). Effects of viscous dissipation and micropolar heat conduction on an MHD thermally radiating flow along a vertical plate, *a paper presented at the 37th Annual Conference of the Nigerian Mathematical Society held at Bayero University, Kano, Nigeria*, 8th-11th May, 2018.
46. **Fatunmbi, E. O.** and Adeniyani, A. (2018). Heat and mass transfer in MHD micropolar fluid flow over a stretching sheet with velocity and thermal slip conditions *a paper presented at the 5th Annual International Conference on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA), University of Lagos, Lagos, Nigeria*, 14th-17th March, 2018.
47. **Fatunmbi, E. O.** and Adeniyani, A. (2017). Magnetohydrodynamic stagnation point flow of a micropolar fluid past a stretching permeable plate in a porous medium with thermal

radiation, chemical reaction and viscous dissipation, *a paper presented at the National Conference on Science, Technology and Communication organized by the Schools of Pure and Applied Sciences and Communication and Information Technology, Federal Polytechnic, Ilaro, Nigeria, 4th-7th December, 2017.*

48. **Fatunmbi, E. O.**, Okoya, S, S. and Adeniyani, A. (2017). Transfer of heat and mass in a magneto-micropolar fluid flow over a stretching permeable plate in porous media with Soret Dufour effects and variable flow properties, *a paper presented at the 36th Annual Conference of the Nigerian Mathematical Society held in Makurdi, Nigeria, 9th-12th may, 2017.*
49. **Fatunmbi, E. O.** and Odesola, A. S. (2017). MHD free convective heat and mass transfer of a micropolar fluid flow over a stretching permeable sheet with constant heat and mass flux. 28th. *a paper presented at the 28th Annual Colloquium and Congress of Nigerian Association of Mathematical Physics (NAMPA) held at Bayero University, Kano, Nigeria, 31st Oct.-3rd Nov., 2017.*
50. **Fatunmbi, E. O.**, Okoya, S. S. and Adeniyani, A. (2017). Flow of heat and mass transfer in MHD micropolar fluid past stretching permeable surface in a porous medium with Soret and Dufour effects. *a paper presented at the 4th Annual International Conference on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA), University of Lagos, Lagos, Nigeria, 8th-11th March, 2017.*
51. **Fatunmbi, E. O.** and Odesola, A. S. (2016). MHD stagnation point-flow and Heat transfer of micropolar fluids in a porous medium over a stretching surface with radiation, heat generation and dissipation. *a paper presentation at the 27th Annual Colloquium and Congress of Nigerian Association of Mathematical Physics (NAMPA) held at Michael Okpara University, Umudike, 1st-4th November 2016.*
52. **Fatunmbi, E. O.** (2016). Comparison of Differential Transform method and Matched Asymptotic expansion for Boundary Value Problems. *a paper presented at the 5th National Conference of the Academic Staff Union of Polytechnics (ASUP), Ilaro, Nigeria, 16th-19th October, 2016.*

TETFUND INSTITUTIONAL BASED RESEARCH (IBR) PROJECTS SUBMITTED

1. Thermodynamic Analysis of Entropy Generation in Hydromagnetic Micropolar-Nanofluid Flow with Viscous Dissipation in a Channel. *Principal investigator: **Fatunmbi E. Olusoji***
2. Thermal Explosion and Irreversibility of Hydromagnetic Non-Newtonian Exothermic Chemical Reactive Fluid Flow in a Channel. *Co-investigator: **Fatunmbi E. Olusoji***

INTERNATIONAL RESEARCH VISIT

A month's visit to the Information and Communication Technology Section (ICTS) of The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, June 19–July 17, 2023.

Research Project undertaken at ICTP:

Hydromagnetic micropolar fluid flow across a bidirectional stretchable sheet: A case of nonlinear thermal radiation and varied thermal conditions. Principal investigator: Fatunmbi, E. Olusoji.

PUBLISHED TEXTBOOKS WITH DATES:

1. **Fatunmbi, E. O.**, Agbolade, O. A. and Akanbi, O. O. (2023). Basics of Trigonometry and analytical geometry, 1st Ed., SG Publishing House, Ilaro, Ogun State. ISBN:978- 978-986-198-9.
2. Olaiju, A. O., **Fatunmbi E. O.** and Agbolade, O.A (2023). Business Mathematics II, OLASPRINTS Lagos, Nigeria, ISBN: 978-978-780-313-4.
3. Olaiju, A. O., Agbolade, O. A. and **Fatunmbi, E. O.** (2022). Business Mathematics I, IBDL Educational Publishers, Ibadan, Nigeria.
4. Akanbi, O. O., **Fatunmbi, E. O.** and Agbolade, O. A. (2022). Rudiments of Numerical Methods and Applications, 1st Ed., SG Publishing House, Ilaro, Ogun State. ISBN: 978-978-58570-0-9.

CHAPTER CONTRIBUTIONS IN TEXTBOOKS

1. **Fatunmbi, E. O.**, and Okoya, S. S. (2021) Quadratic Mixed Convection Stagnation-Point Flow in Hydromagnetic Casson Nanofluid over a Nonlinear Stretching Sheet with Variable Thermal Conductivity. In Laioudi, H & Makinde, O. D. (1st Ed), Engineering fluid flows and heat transfer analysis II, pp 95-109, Trans. Tech Publications Ltd, Switzerland, ISBN: 1012-0386.
2. **Fatunmbi, E. O.**, Okoya, S. S and Makinde, O. D. (2020) Convective heat transfer analysis of hydromagnetic micropolar fluid flow past an inclined nonlinear stretching sheet with variable thermo-physical properties. In Laioudi, H & Makinde, O. D. (1st Ed), Engineering fluid flows and heat transfer analysis II, pp 63-77, Trans. Tech Publications Ltd, Switzerland ISBN:2296-3650.

TRAINING, SEMINAR/WEBINAR AND WORKSHOP ATTENDED WITH DATES:

- A week's International Workshop on Mathematical Sciences and Optimization organized by the Association of Mathematical Sciences and Optimization (AMSO), held at the University of Lagos, Lagos, Nigeria, August 28-2nd September, 2023.
- International Symposium on Advances in Scientific Research in a Transforming World organized by the Faculty of Applied Sciences, Kola Daisi University, Ibadan, Nigeria. June 5, 2023.
- A day Webinar on “*How to make your Research Publishable, identifying common reasons for rejection in Reputable Journal*” Organized by Taylor and Francis Group and the Association of African Universities, August 4, 2023.
- A week's International Workshop on Fractional Calculus and its Applications, organized by the Association of Mathematical Sciences and Optimization (AMSO), November 21–27, 2022, University of Lagos, Lagos, Nigeria
- A two-day Virtual workshop and training on Mathematical Analysis and Optimization: Theory and Application held on July 5–9, 2021, organized by the Mathematical Analysis and Optimization Research Group (MANORG), University of Lagos, Lagos, Nigeria.
- Advanced Digital Appreciation Programme for Tertiary Institutions Statistical Package for Social Sciences, organized by Digital Bridge Institute, International Centre for Information and Communication Technology Studies, Nov. 30th–Dec. 4th, 2020
- International Workshop for Mathematical Sciences, Optimization Theory and Applications, and Machine Learning held at the National Mathematical Centre, Abuja, Nigeria, July 2020.
- A three-day workshop and training on Mathematical Analysis and Optimization: Theory and Applications and Machine Learning held on March 25–27, 2019, at the National Mathematical Centre, Abuja, Nigeria.
- A mathematical workshop on complex fluid flows organized by the Mathematics Society of Nigeria (NMS) at the 34th Annual Conference of the Society held at the University of Nsukka, June 18–25, 2019.
- two-day capacity-building training and workshop on Ethical Conduct Amongst Academic Staff toward Efficient Management of the Federal Polytechnic, Ilaro, held on December 20–21, 2017 at the Federal Polytechnic, Ilaro.
- A two-day Workshop on implementing an electronic examination system was held on June 29–30, 2016, at the Federal Polytechnic, Ilaro.
- The 1st Pastor E. A. Adeboye Endowed Chair Enrichment Training Workshop in Applied Mathematics on Complex Fluid Flows and their Environmental Applications held on June 6–10, 2016, at the University of Lagos, Akoka, Nigeria.
- 34th Annual Conference of the Nigerian Mathematics Society held at the University of Lagos, Nigeria, June 23–26, 2015.
- Advanced Leadership Seminar, Regional and National at Haggai Institute, 2015.
- A two-day workshop and training on Mathematical Analysis and Optimization: Theory and Applications held on March 16–17, 2015, at the University of Lagos, Akoka, Nigeria

- The Second Annual International Conference on Mathematical Analysis and Optimization: Theory and Applications held on March 18–21, 2015, at the University of Lagos, Akoka, Nigeria.

COMPUTER SKILLS ACQUIRED:

Skilful in:

- Basics: MS Word, Excel, and PowerPoint
- Programming Language: Latex
- Mathematical Software: Maple, SPSS and MATLAB

AWARDS AND COMMENDATIONS RECEIVED

1. **Best Paper Award Commendation letter** received from Academic Board and the Management of the Federal Polytechnic, Ilaro, Nigeria, for winning a best paper award certificate from the International Journal of Modelling and Simulation (Taylor & Francis) on August 25, 2023.
2. **Best Paper Award:** Presented by the International Journal of Modelling and Simulation (Taylor & Francis), awarded on June 15, 2023.
3. **SCIVAL Top 500** Nigerian Authors on the Scopus Platform, 2023.
4. A commendation letter from the Senior Staff Appointments and Promotion Committee, Federal Polytechnic, Ilaro, Ogun State, Nigeria, for presenting additional papers beyond the stipulated requirements on July 2, 2021.
5. Award of excellence received from the “*Tower of God Evangelical Ministries*” in recognition of selfless service towards the progress of the work of God in His vineyards and courage with absolute perseverance to success achievement in life, August 1, 2021.
6. Meritorious service award received from the “*Gospel Faith Mission International, Ilaro District*” Region 21, in recognition and appreciation of invaluable, selfless and immense contributions to the Growth and Development of the District, November 24, 2019.
7. Merit Award received from the “*National Association of Oke-Agbede Students*” in recognition of contribution towards the Development and Upliftment of Education in the Oke-Agbede community, January 3, 2014.
8. Academic Award Received from “*The Federation of Imeko-Afon Local Government Students Union*”, September 2012.
9. Best Teacher Commendation Letter received from the Staff School Management Board of the Federal Polytechnic, Ilaro, Ogun State, Nigeria, July 25, 2013.
10. Commendation Letter received from the Staff School Management Board of the Federal Polytechnic, Ilaro, Ogun State Nigeria for the 3rd Term Examination Statistical analysis, 25th July 2012.

APPOINTMENT AS A RESOURCE PERSON:

Appointment as a resource person for the Re-Training of 160 Primary Mathematics Teachers (Egba Zone) for the Ogun State Universal Basic Education Board (SUBEB) by the Poly Consult and Industrial Services, Federal Polytechnic, Ilaro, Ogun State, Nigeria, December 15–17, 2008.

ADMINISTRATIVE OR LEADERSHIP POSITIONS AND APPOINTMENTS:

- Chairman of the Virtual Plenary Session at the 4th International Conference, Federal Polytechnic, Ilaro, Nigeria in collaboration with Takoradi Technical University Ghana, August 21, 2023.
- Member of the Committee on Institutional Sponsorship for Publication in Scopus-Indexed and Web of Science Journals, August 4, 2023.
- Vice-Chairman of the Parallel Session, Science and Related Fields for the 6th National Conference, School of Engineering, Federal Polytechnic, Ilaro, August 7-9, 2023.
- Member of, the Investigative Committee on final year students' extortion at the Federal Polytechnic, Ilaro, Ogun State, Nigeria, December 2022.
- Examination officer for the Department of Mathematics and Statistics, Federal Polytechnic, Ilaro, 2022. Responsible for collating, vetting, moderating examination questions, analyzing, and distributing results from the mathematics and statistics department to other servicing departments at the Federal Polytechnic, Ilaro, Nigeria.
- Editorial Board Member for the Journal of Basic and Applied Sciences from 2022 to date.
- Member Communique Drafting Committee for the 3rd International Conference, the Federal Polytechnic, Ilaro, 2022.
- Editorial board member for the Journal of the School of Pure and Applied Sciences (FEPIJOPAS) Federal Polytechnic, Ilaro, from 2020 to date.
- Co-Chairman of the Parallel Session for the 3rd International Conference, the Federal Polytechnic, Ilaro, 2022.
- Co-Chairman, Parallel Session for the 4th National Conference, School of Pure and Applied Sciences, Federal Polytechnic, Ilaro, 2022.
- Member, Polytechnic Data Analysis Committee, Federal Polytechnic, Ilaro, 2022 till date.
- Secretary, Admission Verification Committee for the Department of Mathematics and Statistics, Federal Polytechnic, Ilaro, from 2021 to date. Elected as the National President of Ilara Community High School, Old Students Association (ILACHOSA), January 7, 2020.
- Appointment as a reviewer for the 2nd International Conference Papers, Federal Polytechnic, Ilaro, 29th September 2020.
- Member of the Departmental Welfare Committee for the Department of Mathematics and Statistics, Federal Polytechnic, Ilaro, 2017 to date.
- Departmental Counselor for the mathematics and statistics department and departmental representative at the Counselling Unit Federal Polytechnic, Ilaro, Nigeria, 2016 to date

- Member Abstract and Publication Sub-Committee of the Schools of Pure and Applied Sciences and Communication and Information Technology at the National Conference on Science, Technology, and Communication, 2017.
- Appointment as a reviewer for the 3rd International Conference Papers, Federal Polytechnic, Ilaro, 10th June, 2022.
- Chairman, Examination Committee for the Federal Polytechnic Staff Nursery and Primary School, Ilaro, Ogun State, Nigeria, 2009-2015.
- Chairman, Examination Committee for the Federal Polytechnic Staff Nursery and Primary School, Ilaro, Ogun State, Nigeria, 2009-2015.
- Chairman, Time Tabling Committee for the Federal Polytechnic Staff Nursery and Primary School, Ilaro, Ogun State, Nigeria, 2009-2015.
- Member of the Junior Engineering Technicians Committee, Committee for the Federal Polytechnic Staff Nursery and Primary School, Ilaro, Ogun State, Nigeria, 2009-2015.
- Member of Electoral Committee, for the Federal Polytechnic, Ilaro Staff Cooperative Investment and Credit Society Limited (FPICICS), 2014.
- Appointment as Chairman Programme Committee of the Gospel Faith Mission International, Ilaro District, 2013-2021.
- Appointment as an Executive Gospel Faith Mission International Executive Member, Sango-Otta District, 2013 to date.
- Appointment as the Head of Departments of Youths of Mission International Executive Member, Ilaro District, 2013.
- Appointment as a Supervisor for the Unified Tertiary Matriculation Examination (UTME), 2011.
- Appointment as an Executive Gospel Faith Mission International Executive Member, Sango-Ota District, 2008.
- Member representing Polytechnic Staff School at Federal Polytechnic Ilaro Cooperative and Investment Credit Society (FPICICS), 1998-2003.

COMMUNITY SERVICES UNDERTAKEN:

- **National President:** Ilara Community High School Old Students Association (ILACHOSA), Ilara, Imeko-Afon Local Government, Ogun State from 2020 to date
- **Chairman Education Committee** for Oke-Agbede town in Imeko-Afon Local Government, Ogun State, from 2021 to date.
- **Pastor in Charge:** The Gospel Faith Mission International (Gofamint), Pace Setters Assembly, Orita, Ilaro District, Region 21 from 2004 to date
- **Patron:** The Gospel Students Fellowship (GSF), Federal Polytechnic, Ilaro Chapter from 2021.
- **Patron:** Christ Image Assembly (CIA, Federal Polytechnic, Ilaro Chapter from 2021.
- **Patron** The Federation of Imeko-Afon Local Government Students Union, Federal Polytechnic, Ilaro Chapter from 2023.

- **Secretary:** Omorilewa Landlord Community Association Ikosi Oke-Ola, Ilaro, Ogun State, Nigeria from 2009 to 2022.
- **Secretary** to the Executive Committee Council of the Gospel Faith Mission International (Gofamint), Ilaro District, Ogun State, Nigeria. 2009 to date.
- **MATHEMATICS EXAMINER:**
 - (a) National Examination Council (NECO) **2006 to Date**
 - (b) Senior Secondary School Examination, **2009 to Date**
- **REVIEWER:**

I serve as a reviewer for some National and International Journals under the following categories:

Reviewer for International Scopus-indexed and Web of Science Journals as follows:

- *Scientific African Journal*
- *Partial Differential Equations in Applied Mathematics Journal*
- *MDPI: Symmetry*
- *MDPI: Crystals*
- *MDPI: Materials*
- *Numerical Heat Transfer, Part B: Fundamentals*
- *Journal of Applied Mathematics and Mechanics*
- *Results in Engineering.*

Review for other International Journals

- *Asian Journal of Mathematical and Computer Research*
- *Asian Journal of Probability and Statistics*
- *Asian Research Journal of Mathematics*
- *Journal of Advances and Computer Science*
- *Open Journal of Fluid Dynamics*
- *Journal of Engineering Research and Reports*

Review for some National Journals

- *International Journal of Mathematical Analysis and Optimization: Theory and Applications (IJMAO)*
- *The Journal of Science and Technology (FPI Science-Tech)*
- *Journal of Pure and Applied Science (JOPAS)*
- *Journal of the Nigerian Mathematical Society (JNMS)*
- *The Ilaro Journal of Women in Technical Education (IJOWITED)*
- *Federal Polytechnic Ilaro Journal of Science and Technology (FPIJST)*

ACADEMIC AND RESEARCH LINKS

- Google Scholar: <https://scholar.google.com/citations?user=4VOy9zQAAAAJ&hl=en>
- Research gate: <https://www.researchgate.net/profile/Ephesus-Fatunmbi>
- Web of Science: <https://www.webofscience.com/wos/op/publications/summary>
- Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=57200313974>
- ORCID: <https://orcid.org/0000-0001-8656-6520>
- Researcher ID rid63001

LEISURE TIME: GARDENING

PERSONAL ATTRIBUTES

- Ability to work with little or no supervision
- Willingness to learn new methods and adopt them
- Effective use of initiative and good team player with an analytical mind
- Emotionally stable, honest, painstaking, diligent and punctual.

REFEREES:

1. **PROF. S. S. OKOYA**
DEPARTMENT OF MATHEMATICS,
OBAFEMI AWOLOWO UNIVERSITY,
ILE-IFE, OSUN, STATE,
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Email: ssokoya@gmail.com
2. **PROF. J. O. OLALERU**
DEPARTMENT OF MATHEMATICS,
UNIVERSITY OF LAGOS,
AKOKA, LAGOS STATE
Phone Contact: +2348037265755
Email: jolaleru@unilag.com
3. **DR. S. R. MOHAMMED**
DEPARTMENT OF CCOUNTANCY,
THE FEDERAL POLYTECHNIC ILARO,

Phone Contact: +2348037133213.

Email: samuel.mohammed@feaderalpolyilaro.edu.ng

I certify that the above information is true to the best of my knowledge.

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FATUNMBI EPHESUS OLUSOJI (Ph.D.)